


Demographic and Human Development Indicators

Australia (Males 1925-2005)																			
Human Development Stages																			
Age Groups estimated with the Health State Methodology (Years)																			
1925	0		9.7		13.1		15.4		18.3		20.8	EARLY ADULT	23.6	MIDDLE ADULT	27.2	LATE ADULT	33.4	VERY OLD	77.1
1930	0	I	9.7	A	13.3	A	15.8	A	19.0	A	21.7	ADULT	24.8	MIDDLE ADULT	28.8	LATE ADULT	34.2	VERY OLD	77.5
1940	0	N	8.5	D	12.2	D	14.5	D	17.6	D	20.2	ADULT	23.1	MIDDLE ADULT	26.9	LATE ADULT	33.4	VERY OLD	76.7
1950	0	F	8.0	O	12.0	O	14.6	O	17.9	O	20.8	ADULT	24.1	MIDDLE ADULT	28.2	LATE ADULT	33.8	VERY OLD	76.4
1960	0	A	7.7	P	11.9	P	14.5	P	17.9	P	20.7	ADULT	24.0	MIDDLE ADULT	28.2	LATE ADULT	33.9	VERY OLD	76.8
1970	0	N	8.2	R	12.5	R	14.9	R	17.9	R	20.5	ADULT	23.5	MIDDLE ADULT	27.3	LATE ADULT	33.7	VERY OLD	76.4
1980	0	C	8.2	E	12.5	E	15.0	E	18.2	E	20.9	ADULT	24.0	MIDDLE ADULT	28.0	LATE ADULT	35.0	VERY OLD	79.0
1990	0	R	7.4	N	11.8	N	15.0	N	19.1	N	22.6	ADULT	26.7	MIDDLE ADULT	31.9	LATE ADULT	37.9	VERY OLD	81.4
2000	0	D	7.6	E	11.7	E	15.2	E	19.5	E	23.2	ADULT	27.6	MIDDLE ADULT	33.0	LATE ADULT	40.3	VERY OLD	84.5
2005	0		8.2		12.3		15.4		19.4		22.7	ADULT	26.6	MIDDLE ADULT	31.5	LATE ADULT	40.3	VERY OLD	86.0

Australia (Females 1925-2005)																			
1925	0		10.3		14.2		17.5		21.6		25.1	EARLY ADULT	29.2	MIDDLE ADULT	34.3	LATE ADULT	38.5	VERY OLD	79.9
1930	0	I	10.4	A	14.6	A	17.8	A	21.8	A	25.3	ADULT	29.3	MIDDLE ADULT	34.3	LATE ADULT	38.5	VERY OLD	80.5
1940	0	N	10.2	O	13.7	O	17.3	O	21.8	O	25.6	ADULT	30.1	MIDDLE ADULT	35.7	LATE ADULT	38.0	VERY OLD	80.2
1950	0	F	-	L	-	L	-	L	-	L	-	ADULT	-	MIDDLE ADULT	-	LATE ADULT	36.5	VERY OLD	81.0
1960	0	A	8.1	P	10.8	P	13.4	P	16.7	P	19.5	ADULT	22.7	MIDDLE ADULT	26.8	LATE ADULT	36.5	VERY OLD	82.4
1970	0	N	9.9	R	13.0	R	14.5	R	16.5	R	18.2	ADULT	20.1	MIDDLE ADULT	22.6	LATE ADULT	35.7	VERY OLD	82.9
1980	0	C	9.4	E	12.7	E	14.5	E	16.8	E	18.8	ADULT	21.0	MIDDLE ADULT	23.9	LATE ADULT	37.5	VERY OLD	85.5
1990	0	R	8.6	N	12.2	N	14.4	N	17.3	N	19.7	ADULT	22.5	MIDDLE ADULT	26.0	LATE ADULT	39.0	VERY OLD	86.7
2000	0	D	8.8	E	12.1	E	14.1	E	16.6	E	18.7	ADULT	21.1	MIDDLE ADULT	24.2	LATE ADULT	42.1	VERY OLD	88.6
2005	0		9.0		12.3		14.1		16.4		18.4	ADULT	20.7	MIDDLE ADULT	23.6	LATE ADULT	43.6	VERY OLD	89.5

Australia (Males 1925-2005)													
Healthy Life Expectancy at Birth (HLEB) & Loss of Healthy Life Years (LHLY)										Expected Healthy Age	Total Health State		
	LHLY1	LHLY3	LHLY Light	LHLY Total	HLEB Total	HLEB Moderate & Severe	HLEB Severe	LEB from Data	LEB from Fit	From Data	From Fit	From Data	From Fit
1925	6.3	10.7	3.8	14.5	46.0	49.9	54.2	60.5	60.5	35.7	35.6	870	866
1930	6.4	10.5	3.3	13.8	48.5	51.8	55.9	62.3	62.5	36.0	35.8	898	888
1940	6.0	9.3	3.1	12.4	51.2	54.3	57.7	63.7	63.8	35.5	35.2	900	889
1950	6.0	9.2	2.6	11.8	54.4	57.0	60.2	66.2	66.3	35.0	35.0	910	907
1960	5.6	8.5	2.9	11.4	56.3	59.1	62.1	67.7	67.9	35.1	35.1	934	932
1970	5.7	8.7	2.7	11.4	56.4	59.0	62.0	67.7	68.0	35.0	34.9	939	931
1980	5.5	8.0	4.4	12.3	58.5	62.9	65.3	70.8	71.1	36.4	36.3	1009	1001
1990	6.4	8.7	5.6	14.2	59.4	64.9	67.3	73.6	73.9	37.7	37.7	1083	1079
2000	6.9	9.0	7.7	16.7	60.1	67.8	69.9	76.8	77.1	39.7	39.6	1190	1182
2005	6.6	8.6	9.1	17.7	60.9	69.9	71.9	78.6	78.9	40.3	40.4	1240	1241

Australia (Males 1925-2005)													
Human Deterioration Stages													
Human Development Age Groups based on the Deterioration Function (Years)													
37.1													
37.3	D												
38.8	E												
42.4	F												
45.6	G												
48.6	H												
43.0	I												
40.8	J												
39.8	K												
39.9	L												

Australia (Females 1925-2005)													
1925	7.4	11.8	4.1	15.9	48.5	52.6	57.0	64.4	64.2	37.4	37.5	954	953
1930	6.9	10.7	5.1	15.8	50.3	55.4	59.2	66.1	66.2	37.5	37.7	974	975
1940	6.4	9.7	5.5	15.2	52.7	58.2	61.5	67.9	68.1	37.4	37.5	1000	999
1950	6.3	9.2	5.8	14.9	56.5	62.3	65.1	71.4	71.5	37.6	37.7	1061	1061
1960	6.3	8.7	7.0	15.7	58.2	65.2	67.6	73.9	74.3	38.4	38.4	1126	1128
1970	6.7	8.9	6.8	15.7	58.8	65.5	67.7	74.5	74.9	38.9	38.5	1152	1137
1980	7.1	8.9	8.5	17.4	60.5	69.0	70.7	77.9	78.2	40.2	40.0	1240	1225
1990	7.1	8.7	9.0	17.7	62.1	71.1	72.7	79.8	80.2	40.8	40.7	1291	1285
2000	7.4	9.0	11.0	20.0	62.2	73.2	74.8	82.2	82.5	42.1	42.1	1379	1372
2005	8.1	9.5	11.2	20.7	62.6	73.8	75.2	83.3	83.7	42.6	42.7	1418	1416

Australia (Females 1925-2005)													
36.6													
37.0	D												
36.9	E												
37.4	F												
38.4	G												
39.1	H												
39.6	I												
39.7	J												
39.5	K												
39.7	L												

Theory developed by: C. H. Skiadas and C. Skiadas, *The Health State Function of a Population*, (2nd Ed., January 2013)

http://www.amazon.com/Health-State-Function-Population/dp/6188046505/ref=sr_1_1?s=books&ie=UTF8&qid=1364343495&sr=1-1